

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Warren County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Warren	Vascular Plants	<i>Apios priceana</i>	Price's Potato-bean	E / LT	G2 / S1	0	1	0	0	0
Warren	Vascular Plants	<i>Arabis hirsuta</i>	Western Hairy Rockcress	T /	G5 / S1S2	0	1	0	0	0
Warren	Vascular Plants	<i>Aureolaria patula</i>	Spreading False Foxglove	S /	G3 / S3	1	0	0	0	0
Warren	Vascular Plants	<i>Baptisia bracteata</i> var. <i>glabrescens</i>	Cream Wild Indigo	S /	G4G5T4T5 / S3	1	0	0	0	0
Warren	Vascular Plants	<i>Bouteloua curtipendula</i>	Side-oats Grama	S /	G5 / S3?	1	0	0	0	0
Warren	Vascular Plants	<i>Carex gigantea</i>	Large Sedge	T /	G4 / S2	1	0	0	0	0
Warren	Vascular Plants	<i>Carya carolinae-septentrionalis</i>	Southern Shagbark Hickory	T /	G5? / S2S3	1	0	0	0	0
Warren	Vascular Plants	<i>Castanea pumila</i>	Allegheny Chinkapin	T /	G5 / S2	0	1	0	0	0
Warren	Vascular Plants	<i>Clematis catesbyana</i>	Satin-curls	H /	G4G5 / SH	0	1	0	0	0
Warren	Vascular Plants	<i>Delphinium carolinianum</i>	Carolina Larkspur	T /	G5 / S1S2	3	0	0	1	0
Warren	Vascular Plants	<i>Didiplis diandra</i>	Water-purslane	S /	G5 / S2S3	0	1	0	0	0
Warren	Vascular Plants	<i>Dodecatheon frenchii</i>	French's Shooting Star	S /	G3 / S3	4	2	0	0	0
Warren	Vascular Plants	<i>Draba cuneifolia</i>	Wedge-leaf Whitlow-grass	E /	G5 / S1	1	0	0	0	0
Warren	Vascular Plants	<i>Forestiera ligustrina</i>	Upland Privet	T /	G4G5 / S2S3	5	0	0	0	0
Warren	Vascular Plants	<i>Gentiana flavida</i>	Yellow Gentian	E /	G4 / S1S2	0	1	0	0	0
Warren	Vascular Plants	<i>Hedeoma hispidum</i>	Rough Pennyroyal	T /	G5 / S2	0	1	0	0	0
Warren	Vascular Plants	<i>Helianthus eggertii</i>	Eggert's Sunflower	T /	G3 / S2	2	0	0	0	0
Warren	Vascular Plants	<i>Heteranthera limosa</i>	Blue Mud-plantain	S /	G5 / S2S3	0	1	0	0	0
Warren	Vascular Plants	<i>Hypericum crux-andreae</i>	St. Peter's-wort	T /	G5 / S2S3	0	1	0	0	0
Warren	Vascular Plants	<i>Isoetes butleri</i>	Butler's Quillwort	E /	G4 / S1	1	0	0	0	0
Warren	Vascular Plants	<i>Isoetes melanopoda</i>	Blackfoot Quillwort	E /	G5 / S1	2	0	0	0	0
Warren	Vascular Plants	<i>Leavenworthia torulosa</i>	Necklace Gladecress	T /	G4 / S2	7	1	0	3	0
Warren	Vascular Plants	<i>Lilium superbum</i>	Turk's Cap Lily	T /	G5 / S1S2	1	0	0	0	0
Warren	Vascular Plants	<i>Lobelia gattingeri</i>	Gattinger's Lobelia	E /	G4G5T4 / S1	1	0	0	0	0
Warren	Vascular Plants	<i>Ludwigia hirtella</i>	Hairy Ludwigia	E /	G5 / S1	0	1	0	0	0
Warren	Vascular Plants	<i>Oenothera triloba</i>	Stemless Evening-primrose	T /	G4 / S1S2	0	1	0	0	0
Warren	Vascular Plants	<i>Perideridia americana</i>	Eastern Yampah	T /	G4 / S2	1	1	0	0	0
Warren	Vascular Plants	<i>Polygala cruciata</i>	Crossleaf Milkwort	E /	G5 / S1	0	1	0	0	0
Warren	Vascular Plants	<i>Sagittaria graminea</i>	Grassleaf Arrowhead	T /	G5 / S1S2	1	0	0	0	0

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Warren	Vascular Plants	<i>Silene ovata</i>	Ovate Catchfly	E / SOMC	G3 / S1	1	1	0	0	0
Warren	Vascular Plants	<i>Silene regia</i>	Royal Catchfly	E /	G3 / S1	0	1	0	0	0
Warren	Vascular Plants	<i>Silphium pinnatifidum</i>	Tansy Rosinweed	S /	G3Q / S3	5	0	0	0	0
Warren	Vascular Plants	<i>Symphyotrichum priceae</i>	White Heath Aster	T /	G3G5 / S2	1	0	0	0	0
Warren	Vascular Plants	<i>Trifolium reflexum</i>	Buffalo Clover	E /	G3G4 / S1S2	0	1	0	0	0
Warren	Vascular Plants	<i>Trillium pusillum</i>	Least Trillium	E / SOMC	G3 / S1	2	0	0	0	0
Warren	Terrestrial Snails	<i>Rabdotus dealbatus</i>	Whitewashed Rabdotus	T /	G5 / S1S2	2	1	0	0	0
Warren	Freshwater Mussels	<i>Alasmidonta marginata</i>	Elktoe	T / SOMC	G4 / S2	0	5	0	0	0
Warren	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	1	0	0	0	0
Warren	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	6	4	5	0	0
Warren	Freshwater Mussels	<i>Epioblasma obliquata obliquata</i>	Catspaw	E / LE	G1T1 / S1	1	1	0	0	0
Warren	Freshwater Mussels	<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	E / LE	G2T2 / S1	0	3	3	0	0
Warren	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	0	4	3	1	0
Warren	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	11	3	2	0	0
Warren	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	6	0	2	0	0
Warren	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	5	4	4	0	0
Warren	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	0	0	3	1	0
Warren	Freshwater Mussels	<i>Plethobasus cyphus</i>	Sheepnose	E / C	G3 / S1	3	1	2	0	0
Warren	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G2 / S1	0	5	1	8	0
Warren	Freshwater Mussels	<i>Pleurobema plenum</i>	Rough Pigtoe	E / LE	G1 / S1	18	1	1	1	0
Warren	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	19	1	1	0	0
Warren	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / C	G3G4T3 / S2	1	4	2	0	0
Warren	Freshwater Mussels	<i>Simpsonaias ambigua</i>	Salamander Mussel	T / SOMC	G3 / S2S3	0	1	0	0	0
Warren	Freshwater Mussels	<i>Toxolasma lividus</i>	Purple Lilliput	E / SOMC	G2 / S1	0	3	0	0	0

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Warren	Freshwater Mussels	<i>Villosa fabalis</i>	Rayed Bean	X / C	G2 / SX	0	0	0	1	0
Warren	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	9	4	0	0
Warren	Freshwater Mussels	<i>Villosa ortmanni</i>	Kentucky Creekshell	T / SOMC	G2 / S2	2	2	8	5	0
Warren	Crustaceans	<i>Barbicambarus cornutus</i>	Bottlebrush Crayfish	S /	G4 / S2	5	0	0	0	0
Warren	Crustaceans	<i>Orconectes pellucidus</i>	Mammoth Cave Crayfish	S / SOMC	G4 / S3	2	3	1	0	0
Warren	Crustaceans	<i>Palaemonias ganteri</i>	Mammoth Cave Shrimp	E / LE	G1 / S1	1	0	0	0	0
Warren	Insects	<i>Pseudanophthalmus transfluvialis</i>	A Cave Obligate Beetle	S /	G1G2 / S1S2	0	1	0	0	3
Warren	Other Invertebrates	<i>Kleptochthonius microphthalmus</i>	A Cave Obligate Pseudoscorpion	T /	G1G2 / S1S2	0	1	0	0	0
Warren	Fishes	<i>Ammocrypta clara</i>	Western Sand Darter	E / SOMC	G3 / S1	1	0	0	0	0
Warren	Fishes	<i>Etheostoma maculatum</i>	Spotted Darter	T / SOMC	G2 / S2	4	1	0	0	0
Warren	Fishes	<i>Hybopsis amnis</i>	Pallid Shiner	E / SOMC	G4 / S1	0	1	0	0	0
Warren	Fishes	<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	T /	G3G4 / S2	1	0	0	0	0
Warren	Fishes	<i>Lampetra appendix</i>	American Brook Lamprey	T /	G4 / S2	1	0	0	0	0
Warren	Fishes	<i>Percina macrocephala</i>	Longhead Darter	E / SOMC	G3 / S1	1	4	0	0	0
Warren	Fishes	<i>Phenacobius uranops</i>	Stargazing Minnow	S /	G4 / S2S3	2	2	0	0	0
Warren	Fishes	<i>Typhlichthys subterraneus</i>	Southern Cavefish	S / SOMC	G3G4 / S2S3	1	3	0	0	0
Warren	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	2	1	0	0	0
Warren	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	1	0
Warren	Breeding Birds	<i>Anas clypeata</i>	Northern Shoveler	E /	G5 / S1	1	0	0	0	0
Warren	Breeding Birds	<i>Anas discors</i>	Blue-winged Teal	T /	G5 / S1S2B	2	0	0	0	0
Warren	Breeding Birds	<i>Chondestes grammacus</i>	Lark Sparrow	T /	G5 / S2S3B	1	2	0	0	0
Warren	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	1	0	0	0	0
Warren	Breeding Birds	<i>Fulica americana</i>	American Coot	E /	G5 / S1B	0	2	0	0	0
Warren	Breeding Birds	<i>Gallinula chloropus</i>	Common Moorhen	T /	G5 / S1S2B	0	1	0	0	0
Warren	Breeding Birds	<i>Lophodytes cucullatus</i>	Hooded Merganser	T /	G5 / S1S2B,S3S4 N	1	0	0	0	0

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Warren	Breeding Birds	<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron	T /	G5 / S2B	0	1	0	0	0
Warren	Breeding Birds	<i>Podilymbus podiceps</i>	Pied-billed Grebe	E /	G5 / S1B,S4N	2	0	0	0	0
Warren	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	3	0	0	0	0
Warren	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	1	0	0	0
Warren	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	0	1	0	0	0
Warren	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	8	1	0	0	0
Warren	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	1	1	0	0	0
Warren	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	2	0	0	0	0
Warren	Communities	<i>Limestone barrens (open woodland)</i>		/	GNR / S2	1	0	0	0	0
Warren	Communities	<i>Limestone flat rock glade</i>		/	GNR / S1	1	0	0	0	0
Warren	Communities	<i>Limestone/dolomite prairie</i>		/	GNR / S1	0	0	0	1	0
Warren	Communities	<i>Sandstone barrens (open woodland)</i>		/	GNR / S1	1	0	0	0	0
Warren	Communities	<i>Sandstone prairie</i>		/	GNR / S1	1	0	0	0	0
Warren	Communities	<i>Shawnee Hills sandstone glade</i>		/	GNR / S1	2	0	0	0	0
Warren County Total:						168	98	42	23	3